

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (canceled)
7. (canceled)
8. (canceled)
9. (canceled)
10. (canceled)
11. (Currently amended) A chorismate pyruvate lyase expression cassette comprising a chimeric gene having a nucleic acid molecule encoding a ribulose-1,5-bisphosphate carboxylase small subunit chloroplast targeting sequence ~~having an amino acid sequence as set forth in SEQ ID NO:15~~ operably linked to a nucleic acid molecule encoding a chorismate pyruvate lyase enzyme, wherein the expression cassette encodes a polypeptide having an amino acid sequence as set forth in SEQ ID NO: 8. ~~having the amino acid sequence as set forth in SEQ ID NO:4.~~
12. (Canceled)
13. (Original) A plant comprising the CPL expression cassette of Claim 11.
14. (Original) The plant according to Claim 13 selected from the group consisting of soybean, rapeseed, sunflower, cotton, corn, tobacco, alfalfa, wheat, barley, oats, sorghum, rice, *Arabidopsis*, sugar beet, sugar cane, canola, millet, beans, peas, rye, flax, and forage grasses.
15. (Canceled)
16. (Original) An isolated nucleic acid fragment encoding a chimeric protein comprising a chloroplast targeting sequence fused to the N-terminus of the mature CPL protein has the amino acid sequence as set forth in SEQ ID NO:15.
17. (Original) An isolated nucleic acid fragment of Claim 16 having the sequence as set forth in SEQ ID NO:7.
18. (canceled)
19. (previously presented) A nucleic acid fragment encoding the amino acid sequence as set forth in SEQ ID NO:16.